

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S62	35	("5018164"   "5316640"   "5346583").PN. OR ("5853960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/01 14:59
S61	1166	S60 and ((light near2 emit\$4 near2 diode))	US-PGPUB; USPAT	OR	ON	2010/06/01 14:55
S60	6912	lens with (cylinder or cylindrical\$3) with (spherical\$3 or sphere)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/01 14:55
S59	21	("2303113"   "3652150"   "4203652"   "4253735"   "4318594"   "4362367"   "4530574"   "4744073"   "5095386"   "5181224"   "5499262"   "5844723").PN. OR ("5973853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/27 10:21
S58	29	(cylindrical near2 lens) and (spherical near2 (corner or edge))	USPAT	OR	ON	2010/05/27 10:03
S57	21	("3534462").URPN.	USPAT	OR	ON	2010/05/27 10:01
S56	568	359/710.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/27 09:12
S55	1766	S54 and (led or (light near2 emit\$4 near2 diode))	US-PGPUB; USPAT	OR	ON	2010/05/26 16:05
S54	6906	lens with (cylinder or cylindrical\$3) with (spherical\$3 or sphere)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 16:05
S53	340	359/718.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 15:03
S52	316	359/717.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 15:01
S51	3	("5661303"   "6627910"   "6855947").PN. OR ("7492459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 14:43
S50	436	S48 and (led or (light near2 emit\$4 near2 diode))	US-PGPUB; USPAT	OR	ON	2010/05/26 14:23
S49	844	S48 and (led or (light near2 emit \$4))	US-PGPUB; USPAT	OR	ON	2010/05/26 14:23
S48	2177	S47 with lens	US-PGPUB; USPAT	OR	ON	2010/05/26 14:22
S47	367694	u adj shape\$2	US-PGPUB; USPAT	OR	ON	2010/05/26 14:22

S46	127	((kenjiro near2 hamanaka) or (takahiro near2 hashimoto) or (hideshi near2 nagata) or (seji near2 ohno) or (isao near2 muraguchi) or (nobuyuki near2 komaba)).in.	US-PGPUB; USPAT	OR	ON	2009/12/17 19:53
S45	33	S43 and hydrofluoric	US-PGPUB; USPAT	OR	ON	2009/12/17 19:14
S44	61	S43 and hf	US-PGPUB; USPAT	OR	ON	2009/12/17 19:13
S43	245	(etch\$3 adj stop\$4) with cr	US-PGPUB; USPAT	OR	ON	2009/12/17 19:13
S42	2	("5711890" or "3954534").pn.	US-PGPUB; USPAT	OR	ON	2009/12/17 17:44
S41	10	S39 same led	US-PGPUB; USPAT	OR	ON	2009/12/17 16:37
S40	1	S39 with led	US-PGPUB; USPAT	OR	ON	2009/12/17 16:37
S39	1271	anti\$reflection with (silicon adj nitride)	US-PGPUB; USPAT	OR	ON	2009/12/17 16:37
S38	68	S37 and (self adj scan\$4)	US-PGPUB; USPAT	OR	ON	2009/12/17 12:16
S37	183	light near2 emitting near2 thyristor	US-PGPUB; USPAT	OR	ON	2009/12/17 12:15
S36	154	S35 with diode	US-PGPUB; USPAT	OR	ON	2009/12/17 12:11
S35	392	led with thyristor	US-PGPUB; USPAT	OR	ON	2009/12/17 12:11
S34	2	("4703219" or "20010010449").pn.	US-PGPUB; USPAT	OR	ON	2009/12/16 15:38
S33	16	S32 and anti\$reflection	US-PGPUB; USPAT	OR	ON	2009/12/16 14:58
S32	570	u near3 ((light adj emitting) or led or leds)	US-PGPUB; USPAT	OR	OFF	2009/12/16 14:57
S31	44	S30 and anti\$reflection	US-PGPUB; USPAT	OR	ON	2009/12/16 14:57
S30	3559	u near3 ((light adj emitting) or led)	US-PGPUB; USPAT	OR	ON	2009/12/16 14:51
S29	13	("5972730"   "6107644"   "6201264"   "6278173"   "6445007"   "6521914"   "6610995"   "6710374"   "6781147"   "6815727").PN. OR ("6885036").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/03 14:05
S28	46	("5309001"   "5652434"   "5696389"   "5698865"   "5793405"   "5898185"   "5923052"   "5959316"   "6307218").PN. OR ("6614056").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/03 13:32

S27	326	S26 and (light near2 emit\$4 near2 diode)	US-PGPUB; USPAT	OR	ON	2009/06/03 13:30
S26	752	LED with (u near3 shap\$3)	US-PGPUB; USPAT	OR	ON	2009/06/03 13:30
S25	443	S24 and (light near2 emit\$4 near2 diode)	US-PGPUB; USPAT	OR	ON	2009/06/03 13:08
S24	6535	(mold\$ with len\$3) and (u near3 shap\$3)	US-PGPUB; USPAT	OR	ON	2009/06/03 13:08
S23	653	S20 and u	US-PGPUB; USPAT	OR	OFF	2009/05/26 11:28
S22	9084	S20 and u	US-PGPUB; USPAT	OR	ON	2009/05/26 11:28
S21	177	S20 and u\$shape\$2	US-PGPUB; USPAT	OR	ON	2009/05/26 10:56
S20	9084	257/79,88,95,98,99,100,e33.059.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/26 10:56
S19	53	S18 not S15	US-PGPUB; USPAT	OR	ON	2009/05/26 10:25
S18	168	S17 and S10	US-PGPUB; USPAT	OR	ON	2009/05/26 10:25
S17	3409	(u\$shape\$2 same ((light near2 emit \$4) or LED))	US-PGPUB; USPAT	OR	ON	2009/05/26 10:25
S16	45	S15 not S11	US-PGPUB; USPAT	OR	ON	2009/05/26 10:25
S15	115	S14 and S10	US-PGPUB; USPAT	OR	ON	2009/05/26 10:25
S14	1435	(u\$shape\$2 same ((light near2 emit \$4) or LED)) and diode	US-PGPUB; USPAT	OR	ON	2009/05/26 10:24
S13	14	("3805347"   "4774434"   "4843036"   "6054222"   "H000445").PN. OR ("6188527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 10:15
S12	5	("3844639"   "4703219"   "5526190"   "5633527"   "6188527").PN. OR ("7142377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 10:15
S11	103	S7 and S10	US-PGPUB; USPAT	OR	ON	2009/05/26 10:05
S10	303233	"257"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/26 10:05
S9	9	S7 and S8	US-PGPUB; USPAT	OR	ON	2009/05/26 10:02
S8	2278	257/79.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/26 10:02
S7	1412	u\$shape\$2 with ((light near2 emit \$4) or LED)	US-PGPUB; USPAT	OR	ON	2009/05/26 10:00
S6	1	"7221007"	US-PGPUB; USPAT	OR	ON	2009/05/21 14:23

S5	1	"20070057268"	US-PGPUB; USPAT	OR	ON	2009/05/21 14:19
S4	506	S1 and cylind\$5	US-PGPUB; USPAT	OR	ON	2009/05/21 14:12
S3	3501	S1 and "u"	US-PGPUB; USPAT	OR	ON	2009/05/21 14:12
S2	3501	S1 and u	US-PGPUB; USPAT	OR	ON	2009/05/21 14:12
S1	3501	257/98.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/21 14:12

### EAST Search History (Interference)

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**6/ 3/ 2010 2:57:13 PM**

**C:\ Documents and Settings\ jmiyoshi\ My Documents\ EAST\ Workspaces\ 10\_562655 - LED molding  
pct.wsp**